



October 8th, 2012

Mr. Patrick Calvin
Madison Elementary School District
1130 E Bethany Home Road
Phoenix, AZ 85014

Re: Camelview Fire Alarm Replacement
S.A.V.E. Proposal Clarifications and Exclusions

Patrick,

Thank you for the opportunity to provide a proposal to perform the work required for the above referenced project. As part of the bid information and pricing provided, please accept the following Clarifications and Exclusion to assist you with evaluating out proposal.

Breakout Pricing

Fire Alarm Replacement..... \$92,825.00

Clarifications:

1. Notifier 3030D Panel and System
2. Removal of Existing Siemen's system
3. System to Remain Operational at all Times
4. Work Hours will be 3pm – 11pm Daily
5. Plan Check and Permit Fees for Fire Alarm Included
6. Drywall Patch and Paint included

Exclusions:

1. Hazardous Waste Removal
2. Removal of Underground obstructions
3. Hard Dig
4. Third Party Inspections
5. Manned security, surveillance, or means of theft prevention above and beyond construction Fencing.
6. Backflow devices
7. All other items listed as Furnished, Furnished and Installed, or Installed by Others

We appreciate the opportunity to work with you on this project. Thank you, Chasse Building Team.



Project: Camelview Fire Alarm Replacement
 Client: Madison Elementary School District
 Architect: Design/Build

S.A.V.E. Proposal
 October 8th, 2011

"Building to make a difference"

CSI	Description	Vendor	Total Cost
DIV 1	GENERAL REQUIREMENTS		
	Final cleaning		
	Material Testing		
	Special Inspections		
	Architectural Fees		
DIV 2	SITE CONSTRUCTION		
	Demolition		
	remove existing chain-link kennels		
	remove existing slab on grade		
	Earthwork		
	prepare area to receive new slab		
	prepare area to receive new sidewalk		
	Soil treatment (termites)		
DIV 3	CONCRETE		
	Concrete		
	4" concrete slab on 4" ABC base		
	4" concrete sidewalk on 4" ABC base		
DIV 4	MASONRY		
	Masonry		
	grout cells for ledger		
DIV 5	STEEL		
	steel gates at kennel		
	misc bolts		
DIV 6	CARPENTRY		
	Rough Carpentry		
	exterior wood framing (2x6 @ 16" OC)		
	wood joists		
	wood ledger		
DIV 7	THERMAL & MOISTURE		
	Building Insulation (A2.1)		
	R-30 batt insulation to bottom of roof deck		
	R-6 batt insulation between studs at masonry wall		
	R-11 batt insulation between studs at exterior wood wall		
	Built up roofing		
	4 ply built up roofing system with white cap sheet over exterior grade plywood sheathing		
	Sheet metal and counter flashing		
	Joint sealants		
DIV 8	OPENINGS		
	Doors and Frames		
	custom 4' h.m. frame		
	reinstall existing door into new frame		
DIV 9	FINISHES		
	Plaster and Gypsum Board		
	drywall prep and patch back	cbt	\$ 1,500
	Paint		
	paint touch up and patch	cbt	\$ 1,000
	Paint and Coatings		
DIV 10	SPECIALTIES		
DIV 13	SPECIAL CONSTRUCTION		
	Fire alarm		
DIV 15	MECHANICAL		
	Plumbing		
	HVAC		
	Fire Sprinklers	hammerhead	\$ 77,598
DIV 16	ELECTRICAL		
	Electrical		
	SUBTOTAL CONSTRUCTION COST		\$ 80,098
	General Conditions		\$ 1,500
	Performance/Payment Bond 1.15%		\$ 938
	General Liability Insurance 1.00%		\$ 825
	Contractor Fee 5.00%		\$ 4,168
	Sales Tax 6.05%		\$ 5,296
	FINAL CONSTRUCTION COST		\$ 92,825

**** PLEASE NOTE, ALL ALTERNATES INCLUDE ALLMARK UPS (SALES TAX, INSURANCE, ETC.)****

Alternate	Description	Total Cost
1		\$ -
2		\$ -
	TOTAL ALTERNATES	\$ -

HAMMERHEAD ELECTRIC



We Bring The H.E.A.T.!

Camelview Elementary

Quote #1561

2002 East Campbell Avenue

Phoenix, AZ 85016

Building Systems Quotation

Customer Name: Chasse Building Team

Attn: Jeremy Keck

Quote Date: October 8, 2012

Prepared By: Rocky LeBlanc

SCOPE OF WORK

Hammerhead Electric and Technology (H.E.A.T.) will provide a **complete** installation for the Camelview Elementary project per the floor plan and details provided by the customer.

Notifier Fire Alarm System:

H.E.A.T is pleased to present this cost estimate for the Fire Alarm Upgrade at Camelview Elementary School. H.E.A.T shall provide and install a new Notifier 3030D panel to replace existin^g Siemens MXL system. We have included all provisions for the system to remain operational as approved by the City of Phoenix Fire at all times for the duration of the project

NOTE: Included on this proposal is the replacement of 6 existing smoke detectors at the PE room by Acclimate detectors to eliminate false alarms related to the activity in the mentioned room. As well as the removal of the existing duct detectors due to having full coverage under ceiling.

H.E.A.T. shall provide, install and program the required devices for the Fire Alarm by the city of Phoenix. H.E.A.T will conduct a 100% pre-test along with a final inspection with the State Fire Marshal.

This proposal includes furnishing all project management, labor, and services necessary for the proper installation for the Fire Alarm as described in this document, and according to manufacturer's and application requirements. Any additional labor or materials not included in the scope of this response may constitute a change order.

Bill of Material

	NFS2-3030 FIRE ALARM CONTROL (1-10 Loops)		-
Notifier	CPU & Display(Supports 10 SLC Loop)	CPU2-3030D	1
Notifier	Addressable Power Supply for CPU-3030	AMPS-24	1
Notifier	Loop Control Module (NFS-3030 ONLY)	LCM-320	1
Notifier	Loop Expander Mod (expands LCM-320)	LEM-320	5
	RS-485 PERIPHERAL DEVICES & ANNUNCIATORS		-
Notifier	80 Character LCD Annunciator	FDU-80	1
	CAB-4 CABINETS & DOORS		
Notifier	3 Chassis Backbox - Black(Red)	SBB-C4(R)	1
Notifier		DR-C4(R)	1
	POWER SUPPLIES & CHARGERS		-
Notifier	6A Pwr Sply/enc w/sync 4-Class B NACs or 2-Class A	FCPS-24S6	4
Notifier	Class A (Style Z) option module for FCPS-24SX	ZNAC-4	4
Notifier	Battery Backbox holds up to 2-60AH Batteries	NFS-LBB	1
	BATTERIES		-
Notifier	Battery 12V 7 AH	BAT-1270	8
Notifier	Battery 12V 55 AH	BAT-12550	2
	ADDRESSABLE INTELLIGENT DETECTORS		
Notifier	Addressable Photo Detector	FSP-851	280
Notifier	Addressable Acclimate Photo Detector	FAPT-851	6
Notifier	Base w/flange for Addressable Detectors	B710LP	6
Notifier	10 pack of B710LP	B710LPBP	28
	ADDRESSABLE MODULES		-
Notifier	Addressable NBG-12L Pull Station	NBG-12LX	1
Notifier	Addressable Dual Monitor Module 2-Style B Circuits	FDM-1	2
Notifier	Addressable Control Module-Style Y or Z	FCM-1	4
Notifier	Addressable Relay Module 2-Form C Contacts	FRM-1	25
	HORN/STROBES		-
SSD	Horn/Strobe Multi-Candela- Wall Red (White)	P2R (P2W)	76
	STROBES		-
SSD	Strobe Only Mult-Candela - Wall Red (White)	SR (SW)	45

INCLUDES: (H.E.A.T Provided).

- Addenda # 0 are included
- Equipment per scope of work
- All specialty cable with labor to pull
- Engineering, submittals, and shop drawings.
- Terminations of devices provided by H.E.A.T.
- Terminations of equipment provided by H.E.A.T.
- Factory trained technician to test, and certify the system
- Specialty back boxes for H.E.A.T. provided FACP material
- Equipment supplied by H.E.A.T. will be warranted as per general terms and conditions of contract specifications
- Duct Detectors are not necessary per plans.
- All programming to provide an operational system (excludes phased projects unless specifically noted)
- Plan check and permit fees for fire alarm scope only
- Operation and maintenance manuals
- As-built drawings
- One (1) 100% test and inspect of completed installation
- Two (2) years and parts and labor warranty on all equipment supplied by H.E.A.T.
- Engineered shop drawings and submittals.

EXCLUDES: (Provided by Electrical Contractor or others)

- Provide dedicated 120VAC power at the head-end
- Any Demolition Work, painting or patching.
- All Fire stopping material and fire stop penetrations
- Outside telephone line service for monitoring of fire alarm to be provided by others. Any off-site monitoring of the systems(H.E.A.T. can provide in a separate proposal)
- Provision/installation of any special HVAC unit shutdown sequences or smoke control systems. Any issues with the existing HVAC shutdown sequence.
- 3rd party testing of duct detectors
- Bonding and/or fees
- 120 volt sprinkler bell provided by other
- Any Applicable Sales Tax
- Any delays using a non TSI Central Station
- Expedited plan reviews, compressed schedules or delays due to scheduling issues not caused by TSI.

Hammerhead Electric and Technology is pleased to provide this Complete Package of the above referenced system for the price below. Price is valid for thirty days.

Total Project Price:

\$77,598.00

Please provide a signed Purchase Order or a subcontract on company letterhead to confirm acceptance of this offer.

Rocky LeBlanc
Director of Sales & Marketing
Phone: 602-703-7996
rocky@hammerheadelectric.com